


Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#)

"adaptive fuzzy logic" +prototype

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 21 - 30 of about 41 for +"adaptive fuzzy logic" +prototype +"membership functions". (0.16 se

[\[PDF\] eunite Roadmap](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... is often characterised by ad hoc rules-of-thumb and extensive prototype testing. ...
membership functions and rules for fuzzy controllers, tuning of Fuzzy ...

www.eunite.org/eunite/roadmap/02Roadmap1.pdf - [Similar pages](#)

[\[PDF\] eunite Roadmap](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... by ad hoc rules-of-thumb and extensive **prototype** testing. ... gave new applications,
 for example Genetic Evolution algorithms for **membership functions** and rules ...

www.eunite.org/eunite/news/FinalRoadmapBooklet9-2004.pdf - [Similar pages](#)

[\[PDF\] Congestion Control](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... As a **prototype** of this mechanism, the ATM Forum had developed a set of algorithms
 for ABR sources, destinations, and switches [9]. These algorithms had been ...

www.cs.ucy.ac.cy/networksgroup/pubs/published/2000/book-CI-congestion-control.pdf - [Similar pages](#)

4.0 TECHNICAL PROGRAM

... Cowan University WE9.5 An Adaptive Fuzzy Logic Controller for ... Technological University

TP1.3 A Prototype of Hybrid ... of a Set of Membership Functions and its ...

www.atip.org/public/atip.reports.97/atip-97-020-list-01.html - 93k - [Cached](#) - [Similar pages](#)

[\[PDF\] Complex System Inference-Control and Fuzzy Logic Model](#)

File Format: PDF/Adobe Acrobat

... self-organizing fuzzy logic model and **adaptive fuzzy logic** model. ... and Sugeno 1761
 developed a **prototype** GPFC based ... and how the I/O **membership functions** and the ...

doi.ieeecomputersociety.org/10.1109/ISUMA.1995.527724 - [Similar pages](#)

[\[PDF\] VOLUME 1/4](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Control of Induction Motor Drive – II Evaluation of Membership Functions for Fuzzy ...

Serge Bontemps, Denis Grafham A New Adaptive Fuzzy Logic Control Method ...

iecon02.us.es/INDEX.pdf - [Similar pages](#)

[\[PDF\] Welcoming Messages](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. i Page 2. i Welcoming Messages Leopoldo G. Franquelo Rokuya Ishii Javier
 Uceda A Message from the General Chair and General Co-Chairs ...

iecon02.us.es/program.pdf - [Similar pages](#)

[\[PDF\] NEURO-FUZZY CONTROL OF A ROBOTIC ARM A Thesis by WALLACE EUGENE ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... **membership functions**. ... use low precision microcontrollers [6]. They are easier
 to **prototype** and implement and simpler to describe and verify. ...

www.bluerockresearch.com/papers/thesis_kelly.pdf - [Similar pages](#)

[\[PS\] A CLASSIFIED REVIEW ON THE COMBINATION FUZZY LOGIC-GENETIC ...](#)

File Format: Adobe PostScript - [View as Text](#)

... 1994) Genetic algorithms for pr totype based fuzzy ... 1991) Design of an **adaptive fuzzy logic controller** using ... **membership functi ns** of fuzzy logic controllers by ...
sci2s.ugr.es/publications/ficheros/gafli95.ps - [Similar pages](#)

[PDF] [ASCC 2002 Wednesday, 25 September](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 11:20 WA6-5 Evolutionary Optimization of **Membership Functions** in Fuzzy Logic System Using Newly Defined Fitness Function for Classification and Nonlinear Time ...

ascc2002.nus.edu.sg/advprog/Abstracts.pdf - [Similar pages](#)

◀ Goooogle ▶

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 11 - 20 of about 41 for +"adaptive fuzzy logic" +prototype +"membership functions". (0.23 se

[PDF] [Automated Association of Track Information from Sensor Sources ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... A software **prototype** that incorporates automated association of sensor information ... elements of fuzzy logic are introduced through **membership functions** to take ...

[www.fusion2004.foi.se/papers/FO4-1251.pdf](#) - [Similar pages](#)

[PDF] [The increased popularity of hybrid systems since nowadays is ...](#)

File Format: PDF/Adobe Acrobat

... cut-off points of different linguistic areas of the fuzzy **membership functions** used, where ... Kawamura A., Watanabe N., Okada H. and Asakawa KA, **prototype** of neuro ...

[decision.fme.aegean.gr/members/tsakonas/LNCS2002.pdf](#) - [Similar pages](#)

"Who is Who in Fuzzy": this file can be obtained by by retrieving ...

... clustering, - generalized nearest **prototype** classifier networks ... rules and **membership functions** - Fuzzy modeling ... interested in - **Adaptive fuzzy logic** control of ...

[www.pa.info.mie-u.ac.jp/~furui/fsa/who.txt](#) - 101k - [Cached](#) - [Similar pages](#)

[proyecto_myriam](#)

... 76 Introduction, 78 Uncertainty of **Membership Functions**, 79 Comparison ... H., Asakawa K., "A **Prototype** of Neuro ... Mesign of an **Adaptive Fuzzy Logic Controller** Using ...

[myriam.ulpgc.es/604385.htm](#) - 101k - [Cached](#) - [Similar pages](#)

[PDF] [Development of an Automated Combine Guidance System](#)

File Format: PDF/Adobe Acrobat

... A **prototype** E/H valve was installed in ... the segmentation level, the fuzzy **membership functions** and the ... A three-parameter **adaptive fuzzy logic** function (Fuzzy ...

[copland.udel.edu/~ebenson/Journal_Articles/Benson_ASAE_2000_Development_Combine.pdf](#) - Supplemental Result - [Similar pages](#)

[Applications of Fuzzy Logic Technology](#)

... positioning systems via an **adaptive fuzzy logic** algorithm ... determines the shape of **membership functions**, number of ... allows us to quickly **prototype** and experiment ...

[www.spie.org/web/abstracts/2000/2061.html](#) - 58k - [Cached](#) - [Similar pages](#)

[PDF] [EUNITE - European Network on Intelligent Technologies for ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The results showed that the **prototype** system is ... The adaptive tuning of the **membership functions** and rule ... 8] have applied self-adaptive fuzzy logic system for ...

[ntsat.oulu.fi/file.php?155](#) - [Similar pages](#)

[PDF] [ANNUAL REPORT 2001](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... **Adaptive Fuzzy Logic** Controller of a Rotary Dryer 19 ... Wisaforest pulp mill, where also the on-line tests have been carried out. The **pr totype** Linguistic equation ...

[ntsat.oulu.fi/file.php?70](#) - [Similar pages](#)

[More results from ntsat.oulu.fi]

[References](#)

... architecture of the laboratory **prototype** controller is ... the rules and the **membership**

functions of a ... Adaptive fuzzy logic controller synthesis via sliding mode ...
www-lar.deis.unibo.it/~fantuzzi/gra9601/node43.html - 101k - Cached - Similar pages

Research Staff Enzo CHIRICOZZI Full Professor (Head of Laboratory) ...
... output variables, the shape of the membership functions, the rule ... A prot type has
been built and the ... M. Tursini, DQ Zhang, "Adaptive Fuzzy Logic Control for ...
ing.univaq.it/lab/rep98b.txt - 52k - Supplemental Result - Cached - Similar pages



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

adaptive fuzzy logic" +prototype

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 1 - 10 of about 41 for +"adaptive fuzzy logic" +prototype +"membership functions". (0.22 sec

[PDF] [A REUSABLE SOFTWARE ADAPTIVE FUZZY CONTROLLER ARCHITECTURE](#)

File Format: PDF/Adobe Acrobat

... by means of a set of **adaptive fuzzy logic** rules and ... 3) Fuzzy logic is easier to **prototype**. ... simulation and tune control by adjusting fuzzy **membership functions**. ...
portal.acm.org/ft_gateway.cfm?id=331475&type=pdf - [Similar pages](#)

[PDF] [An adaptive fuzzy logic controller: its VLSI architecture and ...](#)

File Format: PDF/Adobe Acrobat

... JOU et al.: **ADAPTIVE FUZZY LOGIC CONTROLLER** ... CCL 0.8- μ m standard cells [19], a **prototype** realization ... Up to 8 and 16 **membership functions** are used to specify ...
ieeexplore.ieee.org/iel5/92/17795/00820761.pdf - [Similar pages](#)

[PDF] [Evolvable hardware using context switchable fuzzy inference ...](#)

File Format: PDF/Adobe Acrobat

... The length of the rule-set depends on the number of **membership functions** defined for the input variables. ... 5 Implementation and **prototype** simulation ...
ieeexplore.ieee.org/iel5/2192/29230/01318865.pdf - [Similar pages](#)

[Applications of Fuzzy Logic Technology II](#)

... making as its probabilistic **prototype** in the ... 12 Paper #: 2493-28 **Adaptive fuzzy logic** tracking controller ... Abstract: The **membership functions** are the critical ...
www.spie.org/web/abstracts/2400/2493.html - 51k - [Cached](#) - [Similar pages](#)

[PDF] [Control Systems: Classical, Neural, and Fuzzy](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 117 3.3.4 Method 2 : **Prototype** Design
www.cse.ogi.edu/~ericwan/ECE553/notes.pdf - [Similar pages](#)

[PDF] [NEURO-FUZZY CONTROL IN BIOMASS-BASED WIND-DIESEL SYSTEMS](#)

File Format: PDF/Adobe Acrobat

... two robust controllers on a Norwegian wind- diesel **prototype** system. ... of both logical operators in the inference procedure and appropriate **membership functions**. ...
www.pscoc02.org/papers/s31p01.pdf - [Similar pages](#)

[Fuzzy Application Library/Technical Applications/Fuzzy Logic ...](#)

... for example, the choice of **membership functions**, inference algorithms ... them as an initial **prototype** for their ... In designing **adaptive fuzzy logic** systems, it is ...
www.fuzzytech.com/e/e_a_std.html - 20k - [Cached](#) - [Similar pages](#)

[PDF] [Neural Fuzzy Techniques In Vehicle Acoustic Signal Classification](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 2.1.7 **Prototype** Circular Array Implementation ... 4.5.2 MIMO **Adaptive Fuzzy Logic** System with Balance of ... Figure 3.6 Fuzzy **membership functions** of number of windows ...
scholar.lib.vt.edu/theses/available/ etd-5733142539751141/unrestricted/ETD.PDF - [Similar pages](#)

[List of Accepted Papers for FUZZ-IEEE 2001](#)

... Paper Title: Electronic **Pr** **otype** for Fuzzy C ... Using Hardware Implementable **Membership Functions** Author(s): S ... Paper Title: An **Adaptive Fuzzy L** **gic** Controller for ...
www.conferences.unimelb.edu.au/fuzzy/fuzzyv4.htm - 101k - Dec 29, 2004 - [Cached](#) - [Similar pages](#)

2.6 Bibliography

... Adaptive fuzzy logic controller synthesis via sliding mode approach ... methods, considers explicitly the **membership functions** in the ... as non linear **prot type** for a ...

www.ing.unife.it/docenti/CesareFantuzzi/www/inglese/curriculumli2.html - 63k - Cached - Similar pages

Goooogle ►

Result Page: 1 2 3 4 [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)



[+"adaptive fuzzy logic" +prototype](#) [Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Images Groups^{New!} News Froogle more »
 +fuzzy inference" +prototype +"members: Advanced Search Preferences

Web Results 1 - 10 of about 374 for **+"fuzzy inference" +prototype +"membership functions"**. (0.14 second)

Argomenti trattati: fuzzy logic, reti neurali

... FIDE includes a **fuzzy inference** language, a fuzzy-system ... with which to draw graphs of **membership functions**), debugging tools ... from the idea to the **prototype** stage ...

www.strano.net/snhtml/fptest/metanet/tx2/text15.htm - 15k - [Cached](#) - [Similar pages](#)

[PDF] A prototype of neuro-fuzzy cooperation system - Fuzzy Systems ...

File Format: PDF/Adobe Acrobat

... We are now developing a **prototype** of a neuro ... The dotted lines indicate the **membership functions** before learning ... **Fuzzy Inference** using a Structured Neural Network ...

ieeexplore.ieee.org/iel5/605/6550/00258595.pdf - [Similar pages](#)

[PDF] Learning Fuzzy Inference Systems Using an Adaptive Membership ...

File Format: PDF/Adobe Acrobat

... I. Turksen, "Measurement of **membership functions** and their ... "A note on **prototype** theory and ... **Learning Fuzzy Inference Systems Using an Adaptive Membership** ...

ieeexplore.ieee.org/iel1/3477/10374/00435884.pdf - [Similar pages](#)

[More results from ieeexplore.ieee.org]

Frequently Asked Questions - ANFIS in the Fuzzy Logic Toolbox

... to tune the parameters in a **fuzzy inference** system ... it supports: Both AND and OR rules; Eleven various **membership functions**; ... We did **prototype** M-files for ANFIS and ...

www.cs.nthu.edu.tw/~jang/anfisfaq.htm - 11k - [Cached](#) - [Similar pages](#)

Fuzzy Application Library/What is Fuzzy Logic?

... be able to design the **prototype** of a ... process allows specified rules and **membership functions** to be ... methods Aside from the standard **fuzzy inference** methods (MAX ...

www.fuzzytech.com/e/what.htm - 11k - [Cached](#) - [Similar pages](#)

[PDF] A SUB BAYESIAN NEAREST PROTOTYPE NEURAL NETWORK WITH FUZZY ...

File Format: PDF/Adobe Acrobat

... Approach for Generation of **Membership Functions** and Fuzzy ... A Rule based **Prototype** System for Automatic ... ANFIS: Adaptive Network Based **Fuzzy Inference System** ...

portal.acm.org/ft_gateway.cfm?id=316065&type=pdf - [Similar pages](#)

IMSE-IR97/2

... The block diagram of a **fuzzy inference** system is made up ... which can use up to 8 **membership functions** with an ... area (including pads) of the **prototype** using memory ...

www.imse.cnrn.es/Inv/ir97_2.htm - 7k - [Cached](#) - [Similar pages](#)

[PDF] Genetic Algorithm Optimization of Membership Functions for Mining ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... the performance of the **prototype** can be ... Derivation of **membership functions** for fuzzy variables using ... of fuzzy system by genetic algorithm and **fuzzy inference** ...

www.cs.msstate.edu/~security/docs/Publications/wwang/ft2000.pdf - Dec 27, 2004 - [Similar pages](#)

[PDF] Microsoft PowerPoint - FuzzyPresentation-NIH2BCIGcalcs.ppt

File Format: PDF/Adobe Acrobat - [View as HTML](#)

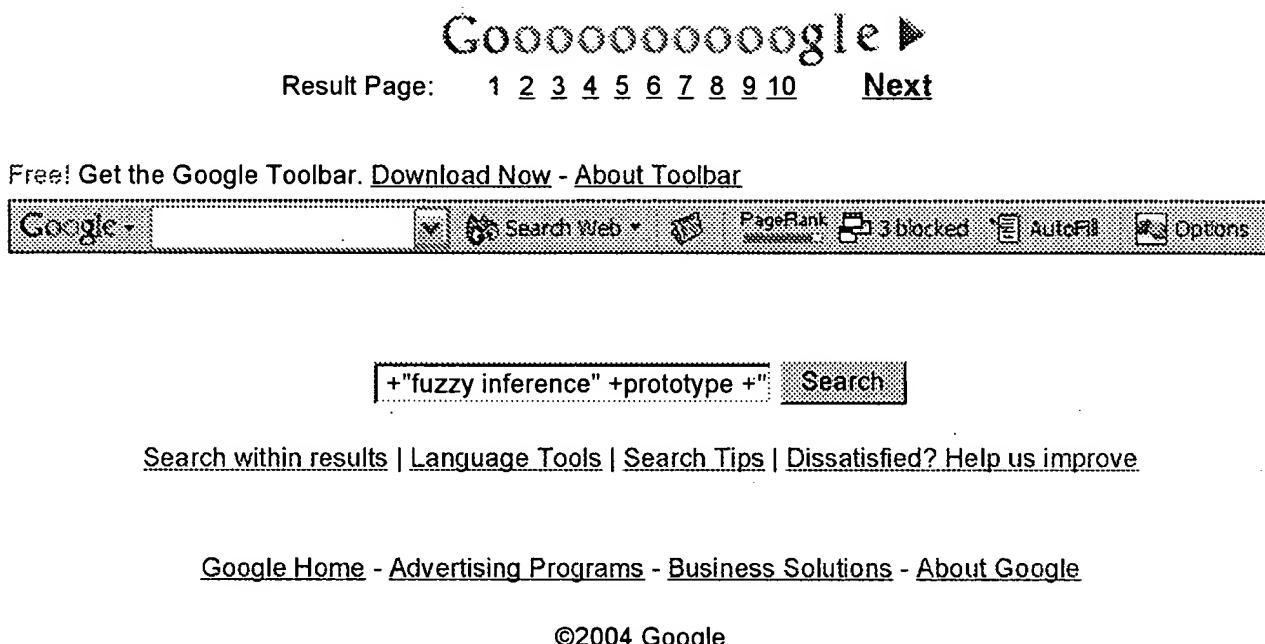
... Build a **prot type** (usually software) – Validate with tuning data ... Two of the most commonly used forms of **fuzzy inference** are named ... **membership functions** ...

www.altium.com/bcig/events/tutorials/2002_11_bits.pdf - Similar pages

Fuzzy Expert System for Navigation Control

... 2 shows the number of membership functions defined for ... Download fuzzy inference system into the non-volatile ... The prot type fuzzy processing element used XC4003E ...

www.geocities.com/SiliconValley/Lakes/6165/khkoay_project.html - 26k - Cached - Similar pages



Web Images Groups^{New!} News Froogle more »

+ "adaptive fuzzy inference" +prototype Advanced Search Preferences

WebResults 11 - 12 of about 13 for **+"adaptive fuzzy inference" +pr totype**. (0.17 seconds)[HCI International 2003 - Final Program](#)

... Design and Prototype Development of Building Energy Management Agent ... **Adaptive Fuzzy Inference Neural Network** Hitoshi Iyatomi, Keio University, Japan ; Masafumi ...

www.hci2003.gr/program/Thursday.asp - 101k - Dec 28, 2004 - [Cached](#) - [Similar pages](#)

[\[PS\] Visual Recognition of Hand Motion](#)

File Format: Adobe PostScript - [View as Text](#)

... the posture and sign recognition are performed by the same **adaptive fuzzy inference** engine. ... A **prototype** of the Hand Sign Translator (HST) has been previously ...

www.csse.uwa.edu.au/pub/robvis/theses/EJHolden.ps.gz - [Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 12 already displayed.

If you like, you can [repeat the search with the omitted results included](#).

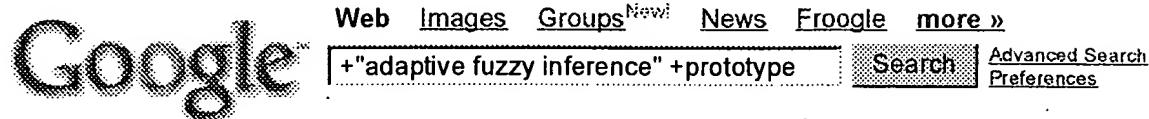
Result Page: [Previous](#) [1](#) [2](#)

+ "adaptive fuzzy inference" +proto

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**Results 1 - 10 of about 13 for **+"adaptive fuzzy inference" +prototype**. (0.18 seconds)

[PDF] [Fuzzy inference systems implemented on neural architectures for ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... proposed in [17]. This is an **adaptive fuzzy inference** system constructed automatically via training with system data. The FFD ...

www4.ncsu.edu/~chow/Publication_folder/Journal_paper_folder/1999_IE_FZ_Inference_Systems_Altug.pdf - [Similar pages](#)

[PDF] [An adaptive fuzzy logic controller: its VLSI architecture and ...](#)

File Format: PDF/Adobe Acrobat

... The AFLC, which can perform **adaptive fuzzy inference** process, consists of six parts:

1 ... OF AFLC Using CCL 0.8- μ m standard cells [19], a **prototype** realiza- tion ...

ieeexplore.ieee.org/iel5/92/17795/00820761.pdf - [Similar pages](#)

[PDF] [Influential Rule Search Scheme \(IRSS\)—A New Fuzzy Pattern ...](#)

File Format: PDF/Adobe Acrobat

... an input-output data set, for reliable construction of an **adaptive fuzzy inference** system, has ... both FMMCNN and Abe and Lan's method, the **prototype** shapes are ...

ieeexplore.ieee.org/iel5/69/29216/01318575.pdf - [Similar pages](#)

[More results from ieeexplore.ieee.org]

ECAI-98 Workshop 8

... to rough sets and consider the problem of constructing **adaptive fuzzy inference** systems. ... we note that the authors have implemented a **prototype** system in Prolog ...

www.isti.ntnu.no/grupper/ks/ecai98/ - 12k - Dec 28, 2004 - [Cached](#) - [Similar pages](#)

[PDF] [1 EMOTION-SENSITIVE ROBOTS- A NEW PARADIGM FOR HUMAN-ROBOT ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... A **prototype** Nursebot [5] was very recently introduced by CMU and the University of Pittsburgh to help the elderly ... 5.2.1 Neuro-**adaptive fuzzy inference** system ...

robotics.vuse.vanderbilt.edu/PDF%20files/Sarkar_Humanoids.pdf - [Similar pages](#)

[Keith Price Bibliography Neural Networks for Classification and ...](#)

... learning and efficient memory utilization with a **prototype** based neural ... Iyatomi, H.[Hitoshi], Hagiwara, M.[Masafumi], **Adaptive fuzzy inference** neural network ...

iris.usc.edu/Vision-Notes/bibliography/pattern645.html - 79k - [Cached](#) - [Similar pages](#)

[PDF] [Industrial Applications of Soft Computing: A Review](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 51]. Matos et al. presented a method for steady-state security evaluation using fuzzy nearest-**prototype** classifiers. Their method ...

bank.csse.muroran-it.ac.jp/iasr.pdf - [Similar pages](#)

["Who is Who in Fuzzy": this file can be obtained by by retrieving ...](#)

... extraction with clustering, - generalized nearest **prototype** classifier networks ... of interest: – neuro-fuzzy fusion – **adaptive fuzzy inference** & approximate ...

www.pa.info.mie-u.ac.jp/~furu/fsa/who.txt - 101k - [Cached](#) - [Similar pages](#)

[엠파스\(empas\) > 과학기술](#) - [Translate this page]

... This paper also proposes a new **pr t** type selection criterion to reduce the complexity

of the OI net. ... Expert System with an **Adaptive Fuzzy Inference Module**.
science.empas.com/search/simdoc_kisti.html?i=426598&d=A&q=%B9%D9%C0%CC%BF%C0%BB%EA%8E%F7 - 34k - Supplemental Result - Cached - [Similar pages](#)

Influential Rule Search Scheme (IRSS)A New Fuzzy Pattern ...

... For both FMMCNN and Abe and Lan's method, the **pr totype** shapes are always ... the entire input-output data set is presented to this **adaptive fuzzy inference** scheme ...
doi.ieeecomputersociety.org/10.1109/TKDE.2004.26 - [Similar pages](#)

Google ►

Result Page: 1 2 [Next](#)



Free! [Google Desktop Search](#): Search your own computer.

"adaptive fuzzy inference" +pro

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**

Results 1 - 10 of about 134 for + "adaptive fuzzy inference". (0.15 seconds)

Adaptive Fuzzy Inference System And Its Application In Modelling ...

This paper looks at a new method of fuzzy model adaptation, to maintain the interpretation of the **adaptive fuzzy inference** system during learning. ...

citeseer.ist.psu.edu/abonyi99adaptive.html - 21k - Supplemental Result - [Cached](#) - [Similar pages](#)

Adaptive Fuzzy Expert System for Sign Recognition - Holden, Owens ...

... This paper presents the HMU classifier that uses an **adaptive fuzzy inference** engine for sign recognition. Fuzzy set theory allows the system to express the

citeseer.ist.psu.edu/holden99adaptive.html - 19k - Supplemental Result - [Cached](#) - [Similar pages](#)
[More results from citeseer.ist.psu.edu]

Extenza - Adaptive Fuzzy Inference System and Its Application in ...

Adaptive Fuzzy Inference System and Its Application in Modelling and Model Based Control. Author(s): J. Abonyi 1 | L. Nagy 2 | F. Szeifert ...

www.extenza-eps.com/extenza/loadHTML?objectIdValue=40689&type=abstract - [Similar pages](#)

IEEE Xplore: Nonlinear system modeling by competitive learning and ...

... [PDF Full-Text (228 KB)] ABSTRACT PLUS Nonlinear system modeling by competitive learning and **adaptive fuzzy inference** system Jian-Qin Chen Yu-Geng Xi Inst. ...

ieeexplore.ieee.org/xpl/abs_free.jsp?arNumber=669559 - Supplemental Result - [Similar pages](#)

[PDF] Nonlinear System Modeling by Competitive Learning and Adaptive ...

File Format: PDF/Adobe Acrobat

... Learning and **Adaptive Fuzzy Inference System** ... Index Terms—Adaptive fuzzy inference, competitive learning, fuzzy systems, nonlinear modeling. ...

ieeexplore.ieee.org/iel4/5326/14626/00669559.pdf - [Similar pages](#)

[More results from ieeexplore.ieee.org]

[PDF] ADAPTIVE FUZZY INFERENCE SYSTEM AND ITS APPLICATION IN MODELLING ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. **ADAPTIVE FUZZY INFERENCE SYSTEM AND ITS** ... 5,6 . In conventional **adaptive fuzzy inference** systems, the rules of the fuzzy model may lose their meanings ...

wwwfmt.vein.hu/softcomp/Abonyi99-TransICHEM.pdf - [Similar pages](#)

[PDF] User mobility profile prediction: An **adaptive fuzzy inference ...**

File Format: PDF/Adobe Acrobat

... User mobility profile prediction: An **adaptive fuzzy inference** approach ... To tackle the difficulty, an **adaptive fuzzy inference** system is presented in this paper. ...

portal.acm.org/ft_gateway.cfm?id=380545&type=pdf - [Similar pages](#)

A more accurate **adaptive fuzzy inference system**

... Search: The ACM Digital Library The Guide. Feedback Report a problem Satisfaction survey. A more accurate **adaptive fuzzy inference** system. ...

portal.acm.org/citation.cfm?id=203914&jmp=cit&coll=GUIDE&dl=ACM&CFID=11111111&CFTOKEN... - Supplemental Result - [Similar pages](#)

[More results from portal.acm.org]

Ahmad Lotfi Publication List

... A. Lotfi, HC Andersen and AC Tsot, "Interpretation Preservation of Adaptive Fuzzy Inference Systems", International Journal of Approximate Reasoning, vol. ...
www.lotfi.net/publications.html · 15k · Cached · Similar pages

[Novel Internal Units for a Neural Network Based Adaptive Fuzzy ...](#)

... 27, 1998 Västerås, Sweden. p. 20647 Novel Internal Units for a Neural Network Based Adaptive Fuzzy Inference Systems. PDF. ...
csdl.computer.org/comp/proceedings/euromicro/1998/8646/02/864620647abs.htm · 10k · Cached · Similar pages

Go...ogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)

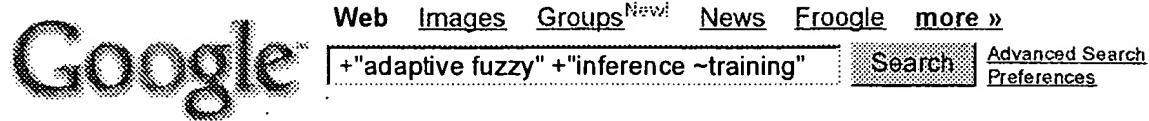


"adaptive fuzzy inference"

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web

Tip: Try removing quotes from your search to get more results.

Your search - +"adaptive fuzzy" +"inference ~training" - did not match any documents.

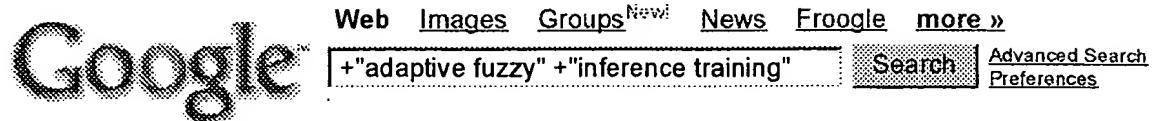
Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try [Google Answers](#) for expert help with your search.

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web

Tip: Try removing quotes from your search to get more results.

Your search - +"adaptive fuzzy" +"inference training" - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try [Google Answers](#) for expert help with your search.

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 1 - 10 of about 510 for ~adaptive ~prototype "fuzzy logic" "membership functions" +~calibration

[PDF] The Stable Tracking Adaptive Fuzzy Control of Nonlinear Dynamic ...

File Format: PDF/Adobe Acrobat - View as HTML

... nonlinear systems via feedback linearization **concept** have been ... have been reported in [2]. **Fuzzy logic** control systems ... based on the proposed **adaptive** law has ...

[www.csie.cyu.edu.tw/TAI2002/TAI2002PDF/Parallel%20Session\(A\)/A3%20Robotics%20and%20Control/A3-1.pdf](http://www.csie.cyu.edu.tw/TAI2002/TAI2002PDF/Parallel%20Session(A)/A3%20Robotics%20and%20Control/A3-1.pdf) - Similar pages

[PDF] Some Crisp Thoughts on Fuzzy Logic Daniel Abramovitch Storage ...

File Format: PDF/Adobe Acrobat - View as HTML

... This **concept** could be useful for ... **adaptive** control ... Later, they mention **fuzzy logic** control of washing machines which **adjust** the wash cycle giving a ...

www.labs.agilent.com/personal/Danny_Abramovitch/pubs/fuzzy_acc_talk_2e.pdf - Similar pages

[PDF] Adaptive Cooperative Fuzzy Logic Controller

File Format: PDF/Adobe Acrobat - View as HTML

... 3 Adaptive Agent Implementation ... restricting the possible actions undertaken by the agents in this implementation, the **concept of fuzzy logic** adaptation can ...

crpit.com/confpapers/CRPITV26Ammerlaan.pdf - Similar pages

[PDF] Fuzzy Neural Networks Analyses through

File Format: PDF/Adobe Acrobat - View as HTML

... artificial neuron efficient to realize **fuzzy logic** operations [1 ... of these operations leads to **concept** known as ... levels [1]. In case of **adaptive** fuzzy controllers ...

gislab.elfak.ni.ac.yu/leni/Radovi/CIMCA03.pdf - Similar pages

[PDF] Chapter 1 Introduction

File Format: PDF/Adobe Acrobat - View as HTML

... inspection, business forecasting, speech processing, credit rating, **adaptive** process control ... event may occur, and is the most similar **concept to fuzzy logic** ...

www.control.hut.fi/KurssiU/AS-74.115/Material/SOFTCOMPCH01.pdf - Similar pages

[PDF] Adaptive Volume Rendering using Fuzzy Logic Control

File Format: PDF/Adobe Acrobat - View as HTML

... The **concept** of fuzzy set is considered as a ... an overview of our run-time **adaptive** volume rendering ... before, the knowledge base in a **fuzzy logic** control system ...

www.cse.ohio-state.edu/~hwshen/Papers/vissym01.pdf - Similar pages

Argomenti trattati: fuzzy logic, reti neurali

... applications from the idea to the **prototype** stage ... Fuzzy The **concept** of crisp sets comes from traditional ... and of themselves, fuzzy systems aren't **adaptive**, he says ...

www.strano.net/srhhtml/perftest/metanet/txt2/text15.htm - 15k - Cached - Similar pages

Genetic Algorithms

... tuning of **membership functions** in a **fuzzy logic** controller for ... Again, triangular **membership functions** are used ... presents two examples: a non-**adaptive** GA designed ...

www.cse.dmu.ac.uk/~rij/newrep/node10.html - 6k - Cached - Similar pages

Frequently Asked Questions - ANFIS in the Fuzzy Logic Toolbox

... 1] of question 2. In the **Fuzzy Logic** Toolbox, we ... JS Roger Jang, `` ANFIS:

Adaptive-Network-Based Fuzzy Inference ... We did prot type M-files for ANFIS and found ...
www.cs.nthu.edu.tw/~jang/anfisfaq.htm - 11k - Cached - Similar pages

[PDF] [Learning Fuzzy Inference Systems Using an Adaptive Membership ...](#)

File Format: PDF/Adobe Acrobat

... The concept of a ... A note on prototype theory and ... the fuzzy inference systems will be introduced, followed by the description of an adaptive membership function ...

ieeexplore.ieee.org/iel1/3477/10374/00485884.pdf - Similar pages

Goooooooooogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

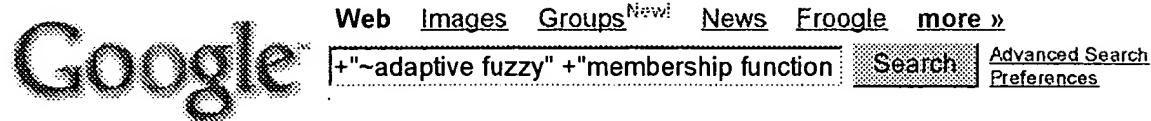


Free! [Google Desktop Search](#): Search your own computer.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web

Tip: Try removing quotes from your search to get more results.

Your search - +"~adaptive fuzzy" +"membership function ~prototypes" - did not match any documents.

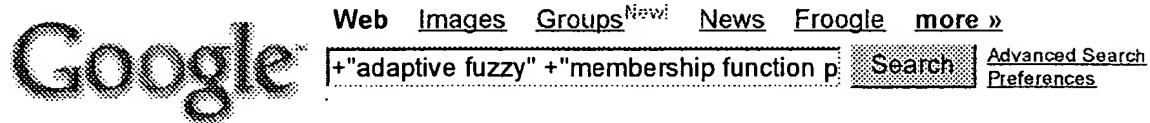
Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try [Google Answers](#) for expert help with your search.

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web

Tip: Try removing quotes from your search to get more results.

Your search - +"adaptive fuzzy" +"membership function prototypes" - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try [Google Answers](#) for expert help with your search.

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Images Groups^{New!} News Froogle more »
~adaptive ~prototype "fuzzy logic" "mem" Search Advanced Search Preferences

Web Results 1 - 10 of about 1,430 for ~adaptive ~prototype "fuzzy logic" "membership functions". (0.29 se

generation5 - Falcon: Fuzzy Adaptive Learning Control Network

... Another important **concept** is linguistic variables ... The FALCON - Fuzzy Adaptive Learning Control Network - is ... already presented in the discussion of **fuzzy logic** ...

www.generation5.org/content/2001/falcon.asp?Print=1 - 17k - [Cached](#) - [Similar pages](#)

Fuzzy Adaptive Systems

... logic approach and the Fuzzy Adaptive Systems (FAS ... is extended to handle the **concept** of partial ... As mentioned above, the **fuzzy logic** approach is particularly a ...

www.stowa-nn.ihe.nl/FAS.htm - 21k - [Cached](#) - [Similar pages](#)

Publications

... Fageth, WG Allen, U. Jäger; **Prototyping Fuzzy Controllers ... Adaptive Radial Basis Function Neural Networks Applied to ... Fuzzy Control Concept** for the Zeppelin New ...

www.icsc.ab.ca/publications/list_isfl95.html - 7k - [Cached](#) - [Similar pages](#)

[PDF] Learning Fuzzy Inference Systems Using an Adaptive Membership ...

File Format: PDF/Adobe Acrobat

... The **concept** of a ... A note on **prototype** theory and ... the fuzzy inference systems will be introduced, followed by the description of an **adaptive** membership function ...

ieeexplore.ieee.org/iel1/3477/10374/00485884.pdf - [Similar pages](#)

[PDF] An adaptive fuzzy logic controller: its VLSI architecture and ...

File Format: PDF/Adobe Acrobat

... To implement the above **concept** of adaptation, we modify (1 ... 0.8- μ m standard cells [19], a **prototype** realiza- tion ... JOU et al.: **ADAPTIVE FUZZY LOGIC CONTROLLER** 55 ...

ieeexplore.ieee.org/iel5/92/17795/00820761.pdf - [Similar pages](#)

[More results from ieeexplore.ieee.org]

Tuning Of A Neuro-Fuzzy Controller By Genetic Algorithm - Seng ...

... This paper presents a neuro-**fuzzy logic** controller (NFLC) where ... Recently, the **concept**... ... bibliography (related documents): More All 0.6: **Adaptive Neuro-Fuzzy** ...

citeseer.ist.psu.edu/517155.html - 24k - [Cached](#) - [Similar pages](#)

[PDF] Adaptive Cooperative Fuzzy Logic Controller

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 3 Adaptive Agent Implementation ... restricting the possible actions undertaken by the agents in this implementation, the **concept** of **fuzzy logic** adaptation can ...

erpit.com/confpapers/CRPITV26Ammerlaan.pdf - [Similar pages](#)

[PDF] Applications of Fuzzy Logic in Control Design

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... rapid **prototyping** and implementation of real-time systems. ... Wang, LX, **Adaptive fuzzy systems and control: design and ...** Zadeh, LA, "The **concept** of a linguistic ...

www.mathworks.com/mason/tag/proxy.html?dataid=53&fileid=397 - [Similar pages](#)

[PDF] The Stable Tracking Adaptive Fuzzy Control of Nonlinear Dynamic ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... systems via feedback linearization c **ncept** have been ... have been reported in [2]. **Fuzzy logic control systems** ... convergence analysis for an adaptive fuzzy control ...

[www.csie.cyu.edu.tw/TAAI2002/TAAI2002PDF/Parallel%20Session\(A\)/A3%20Robotics%20and%20Control/A3-1.pdf](http://www.csie.cyu.edu.tw/TAAI2002/TAAI2002PDF/Parallel%20Session(A)/A3%20Robotics%20and%20Control/A3-1.pdf) - Similar pages

[PDF] Adaptive Volume Rendering using Fuzzy Logic Control

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... automatic error tolerance specification for adaptive volume rendering. ... The concept of fuzzy set is considered as a ... and outputs of the fuzzy logic control system ...

www.cse.ohio-state.edu/~hwshen/Papers/vissym01.pdf - Similar pages

Google ►

Result Page: 1 2 3 4 5 6 7 8 9 10 [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)



[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.0Welcome
United States Patent and Trademark Office

» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links****Welcome to IEEE Xplore**

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprises

- Access the IEEE Enterprise File Cabinet

Print Format[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

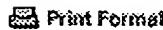
- By Author
- Basic
- Advanced
- CrossRef

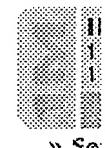
Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet



[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)Welcome
United States Patent and Trademark Office

» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links****Welcome to IEEE Xplore**

- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

Tables of Contents

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

Search

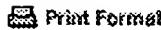
- [By Author](#)
- [Basic](#)
- [Advanced](#)
- [CrossRef](#)

Member Services

- [Join IEEE](#)
- [Establish IEEE Web Account](#)
- [Access the IEEE Member Digital Library](#)

IEEE Enterprise

- [Access the IEEE Enterprise File Cabinet](#)

[Print Format](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

» See

[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links****Welcome to IEEE Xplore**

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

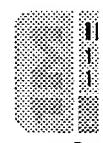
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet

Print Format[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Xplore

- Access the IEEE Enterprise File Cabinet



Your search matched **9** of **1108377** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

prototype<and>membership functions<and>paramet

Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Rapid prototyping tool for a fuzzy logic based soft-starter

Rajendra Prasad, M.; Sastry, V.V.;

Power Conversion Conference - Nagaoka 1997., Proceedings of the , Volume: 6 Aug. 1997

Pages:877 - 880 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEEE CNF**

2 Fuzzy process modelling for secondary steelmaking

Roy, R.; Collantes, L.; Berdou, J.; Whittaker, H.; Madill, J.;

Fuzzy Information Processing Society, 1999. NAFIPS. 18th International Conference of the North American , 10-12 June 1999

Pages:864 - 868

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE CNF**

3 Possibility function based fuzzy neural networks: case study

Cooley, D.H.; Jianping Zhang; Li Chen;

Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology' 1994 IEEE International Conference on , Volume: 1 , 2-5 Oct. 1994

Pages:73 - 78 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **IEEE CNF**

4 Fuzzy logic-based matching pursuits for lossless predictive coding of images

Aiazzi, B.; Alparone, L.; Baronti, S.;

Fuzzy Systems, IEEE Transactions on , Volume: 10 , Issue: 4 , Aug. 2002

Pages:473 - 483

[\[Abstract\]](#) [\[PDF Full-Text \(425 KB\)\]](#) [IEEE JNL](#)

5 An intelligent control system for predicting a ventilator using acoustic feedback

Mohajeri, R.; Mirhosseini, A.R.; Fricke, F.R.;

Intelligent Control, 1997. Proceedings of the 1997 IEEE International Symposium on, 16-18 July 1997

Pages:337 - 342

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) [IEEE CNF](#)

6 A new typicality-based weight function for robust mixture decomposition

Medasani, S.; Krishnapuram, R.; Caldwell, W.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on, Volume: 1, 12-15 Oct.

Pages:205 - 210 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) [IEEE CNF](#)

7 FLAS: a fuzzy linear adaptive system for identification of non-linear noisy functions

Bravo, M.J.A.; Sanchez, E.G.; Izquierdo, J.M.C.; Dimitriadis, Y.A.; Coronado, J.;

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. IEEE International Conference on, Volume: 3, 12-15 Oct. 1999

Pages:10 - 15 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEEE CNF](#)

8 Fuzzy clustering: application to the diagnosis of ventricular arrhythmias

Cabello, D.; Barro, S.; Ruiz, R.; Zapata, E.L.; Mira, J.;

Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual International Conference of the IEEE, 4-7 Nov. 1988

Pages:5 - 6 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) [IEEE CNF](#)

9 Optimisation of a fuzzy logic traffic signal controller by a multiobjective genetic algorithm

Anderson, J.M.; Sayers, T.M.; Bell, M.G.H.;

Road Transport Information and Control, 1998. 9th International Conference on (Conf. Publ. No. 454), 21-23 April 1998

Pages:186 - 190

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) [IEEE CNF](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

» See

[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore**
RELEASE 12[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links****Welcome to IEEE Xplore**

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Standards

- Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet

Print Format



» See

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet



Print Format

Your search matched **53** of **1108377** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

prototype<and>membership functions

 Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

46 A basic building block approach to CMOS design of analog neuro/fuzzy systems

Vidal-Verdu, E.; Vazquez-Vazquez, A.; Linares-Barranco, B.; Sanchez-Sinencio, E.; Fuzzy Systems, 1994. IEEE World Congress on Computational Intelligence., Proceedings of the Third IEEE Conference on , 26-29 June 1994
Pages:118 - 123 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF****47 Architecture of a 64-bit fuzzy inference processor**

Ungerig, A.P.; Goser, K.; Fuzzy Systems, 1994. IEEE World Congress on Computational Intelligence., Proceedings of the Third IEEE Conference on , 26-29 June 1994
Pages:1776 - 1780 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF****48 Fuzzy logic functions synthesis-A CMOS current mirror based solution**

Lemaitre, L.; Patyra, M.J.; Mlynek, D.; Circuits and Systems, 1993., ISCAS '93, 1993 IEEE International Symposium on , 3-6 May 1993
Pages:2015 - 2018 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) **IEEE CNF****49 Perceptual grouping based on fuzzy sets**

Kang, H.-B.; Walker, E.L.; Fuzzy Systems, 1992., IEEE International Conference on , 8-12 March 1992
Pages:651 - 659

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

50 **On object classification by means of fuzzy sets' theory**
Costin, H.;

Pattern Recognition, 1992. Vol.II. Conference B: Pattern Recognition Methodology and Systems, Proceedings., 11th IAPR International Conference on , 30 Aug.- Sept. 1992

Pages:458 - 461

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE CNF](#)

51 **Fuzzy clustering: application to the diagnosis of ventricular arrhythmias**

Cabello, D.; Barro, S.; Ruiz, R.; Zapata, E.L.; Mira, J.;

Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual International Conference of the IEEE , 4-7 Nov. 1988

Pages:5 - 6 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) [IEEE CNF](#)

52 **A new fuzzy information optimization processing technique for monitoring the transformer**

Mei Denghua;

Dielectric Materials, Measurements and Applications, 2000. Eighth International Conference on (IEE Conf. Publ. No. 473) , 17-21 Sept. 2000

Pages:192 - 195

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) [IEEE CNF](#)

53 **Optimisation of a fuzzy logic traffic signal controller by a multiobjective genetic algorithm**

Anderson, J.M.; Sayers, T.M.; Bell, M.G.H.;

Road Transport Information and Control, 1998. 9th International Conference on (Conf. Publ. No. 454) , 21-23 April 1998

Pages:186 - 190

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#)



Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Xplore

- Access the IEEE Enterprise File Cabinet



Your search matched **53** of **1108377** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

prototype<and>membership functions

Search

 Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard**31 Fuzzy logic control of a hydraulic system***Rahbari, R.; de Silva, C.W.;*

Industrial Technology 2000. Proceedings of IEEE International Conference on, Volume: 2, 19-22 Jan. 2000

Pages:313 - 318 vol.1

[Abstract] [PDF Full-Text (388 KB)] IEEE CNF

32 A fuzzy clustering model of data with proportional membership*Nascimento, S.; Mirkin, B.; Moura-Pires, F.;*

Fuzzy Information Processing Society, 2000. NAFIPS. 19th International Conference of the North American, 13-15 July 2000

Pages:261 - 266

[Abstract] [PDF Full-Text (512 KB)] IEEE CNF

33 Flexible query processor for information*Aguilera, A.I.; Tineo, L.J.;*

Fuzzy Systems, 2000. FUZZ IEEE 2000. The Ninth IEEE International Conference on, Volume: 2, 7-10 May 2000

Pages:1009 - 1012 vol.2

[Abstract] [PDF Full-Text (292 KB)] IEEE CNF

34 Efficient design using fuzzy logic based regression models*Schaible, B.; Lee, Y.C.; Xie, H.;*

Electronic Components and Technology Conference, 1997. Proceedings., 47th 21 May 1997

Pages:453 - 461

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) [IEEE CNF](#)

35 Fuzzy inference-based on-line contr I gain tuning for serv drive system

Iwasaki, M.; Sakai, K.; Matsui, N.;

Industry Applications Conference, 1997. Thirty-Second IAS Annual Meeting, I/ '97., Conference Record of the 1997 IEEE , Volume: 1 , 5-9 Oct. 1997
Pages:593 - 598 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

36 A modular CMOS analog fuzzy controller

Vidal-Verdu, F.; Navas, R.; Rodriguez-Vazquez, A.;

Fuzzy Systems, 1997., Proceedings of the Sixth IEEE International Conference on , Volume: 2 , 1-5 July 1997
Pages:647 - 652 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(700 KB\)\]](#) [IEEE CNF](#)

37 An intelligent control system for positioning a ventilator using ac feedback

Mohajeri, R.; Mirhosseini, A.R.; Fricke, F.R.;

Intelligent Control, 1997. Proceedings of the 1997 IEEE International Symposium on , 16-18 July 1997
Pages:337 - 342

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) [IEEE CNF](#)

38 A new typicality-based weight function for robust mixture decomposition

Medasani, S.; Krishnapuram, R.; Caldwell, W.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation'., 1997 IEEE International Conference on , Volume: 1 , 12-15 Oct.

Pages:205 - 210 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) [IEEE CNF](#)

39 Fuzzy-modelling of systems with uncertain nonlinearities and its application on pneumatic drives

Kroll, A.;

Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Vol 2 , 14-17 Oct. 1996

Pages:1056 - 1061 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) [IEEE CNF](#)

40 Majority-voting FCM algorithm in the vague fuzzy classification

Gang Hwa Lee; Yoon Chul Lee; Soon Hak Kwon; Suk Gyu Lee;

Fuzzy Systems, 2001. The 10th IEEE International Conference on , Volume: 2 Dec. 2001

Pages:813 - 815 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(335 KB\)\]](#) [IEEE CNF](#)

41 A new appr ach to fuzzy partitioning

Hoppner, F.; Klawonn, F.;

IFSA World Congress and 20th NAFIPS International Conference, 2001. Joint 9th , Volume: 3 , 25-28 July 2001

Pages:1419 - 1424 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

42 A current-mode circuit for fuzzy partition membership functions

Conti, M.; Crippa, P.; Orcioni, S.; Turchetti, C.;

Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE Interna Symposium on , Volume: 5 , 30 May-2 June 1999

Pages:391 - 394 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) [IEEE CNF](#)

43 FLAS: a fuzzy linear adaptive system for identification of non-linear noisy functions

Bravo, M.J.A.; Sanchez, E.G.; Izquierdo, J.M.C.; Dimitriadis, Y.A.; Coronado, . Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. IEEE International Conference on , Volume: 3 , 12-15 Oct. 1999

Pages:10 - 15 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEEE CNF](#)

44 Application of self-organizing network and MLP for fuzzy rule extra

Gaweda, A.E.; Zurada, J.M.;

Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volume: 6 , 10-16 July 1999

Pages:4289 - 4293 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) [IEEE CNF](#)

45 Architecture of a mixed mode fuzzy controller

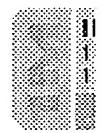
Ungerger, A.P.; Herbst, D.; Weyergraf, A.; Goser, K.;

Fuzzy Systems, 1995. International Joint Conference of the Fourth IEEE International Conference on Fuzzy Systems and The Second International Fuz Engineering Symposium., Proceedings of 1995 IEEE International Conference on , Volume: 3 , 20-24 March 1995

Pages:1191 - 1196 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#) [Next](#)



Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Table of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet



Your search matched **53** of **1108377** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

prototype<and>membership functions

Search

 Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

16 Learning fuzzy concept prototypes using genetic algorithms*Jianping Zhang; Lan Zhang;*

Fuzzy Systems Conference Proceedings, 1999. FUZZ-IEEE '99. 1999 IEEE International, Volume: 3, 22-25 Aug. 1999

Pages: 1790 - 1795 vol.3

[Abstract] [PDF Full-Text (324 KB)] IEEE CNF

17 Fuzzy approach to recognize handwritten Tamil characters*Suresh, R.M.; Arumugam, S.; Ganesan, L.;*

Computational Intelligence and Multimedia Applications, 1999. ICCIMA '99. Proceedings. Third International Conference on, 23-26 Sept. 1999

Pages: 459 - 463

[Abstract] [PDF Full-Text (28 KB)] IEEE CNF

18 Fuzzy process modelling for secondary steelmaking*Roy, R.; Collantes, L.; Berdou, J.; Whittaker, H.; Madill, J.;*

Fuzzy Information Processing Society, 1999. NAFIPS. 18th International Conference of the North American, 10-12 June 1999

Pages: 864 - 868

[Abstract] [PDF Full-Text (428 KB)] IEEE CNF

19 Fuzzy expert system for distribution system restoration and contingency operation*Mendiola, M.C.; Chang, C.S.; Elangovan, S.;*

Energy Management and Power Delivery, 1995. Proceedings of EMPD '95., 1995 International Conference on, Volume: 1, 21-23 Nov. 1995

Pages: 73 - 79 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) [IEEE CNF](#)

20 Implementing a neural network for a progressive fuzzy clustering algorithm

Im, P.T.; Qiu, B.; Wingate, M.; Herron, L.;
Neural Networks, 1995. Proceedings., IEEE International Conference on, Volume 3, 27 Nov.-1 Dec. 1995
Pages:1369 - 1372 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) [IEEE CNF](#)

21 Fuzzy Weibull for risk analysis

Weber, D.P.;
Reliability and Maintainability Symposium, 1994. Proceedings., Annual, 24-27 1994
Pages:456 - 461

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) [IEEE CNF](#)

22 Automatic generation of application specific fuzzy controllers for rapid prototyping

Halgamuge, S.K.; Hollstein, T.; Kirschbaum, A.; Glesner, M.;
Fuzzy Systems, 1994. IEEE World Congress on Computational Intelligence., Proceedings of the Third IEEE Conference on, 26-29 June 1994
Pages:1638 - 1641 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) [IEEE CNF](#)

23 Possibility function based fuzzy neural networks: case study

Cooley, D.H.; Jianping Zhang; Li Chen;
Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology' 1994 IEEE International Conference on, Volume: 1, 2-5 Oct. 1994
Pages:73 - 78 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) [IEEE CNF](#)

24 Fuzzy RCE neural network

Roan, S.-M.; Chiang, C.-C.; Fu, H.-C.;
Fuzzy Systems, 1993., Second IEEE International Conference on, 28 March-1 1993
Pages:629 - 634 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) [IEEE CNF](#)

25 Synthesis and design automation of analog fuzzy logic VLSI circuits

Lemaitre, L.; Patyra, M.J.; Mlynek, D.;
Multiple-Valued Logic, 1993., Proceedings of The Twenty-Third International Symposium on, 24-27 May 1993
Pages:74 - 79

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) [IEEE CNF](#)

26 Accelerated fuzzy pattern classification with ASICs

Schlegel, P.; Eichhorn, K.; Brand, H.-J.; Mueller, D.;
ASIC Conference and Exhibit, 1993. Proceedings., Sixth Annual IEEE International, 27 Sept.-1 Oct. 1993
Pages:250 - 253

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE CNF](#)

27 Handwritten character membership function estimation for word recognition

Frigui, H.; Gader, P.; Krishnapuram, R.;
Fuzzy Systems, 2001. The 10th IEEE International Conference on, Volume: 2 Dec. 2001
Pages:928 - 931 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(505 KB\)\]](#) [IEEE CNF](#)

28 Fuzzy logic-based matching pursuits for lossless predictive coding of still images

Aiazzi, B.; Alparone, L.; Baronti, S.;
Fuzzy Systems, IEEE Transactions on, Volume: 10, Issue: 4, Aug. 2002
Pages:473 - 483

[\[Abstract\]](#) [\[PDF Full-Text \(425 KB\)\]](#) [IEEE JNL](#)

29 A survey of fuzzy clustering algorithms for pattern recognition. I

Baraldi, A.; Blonda, P.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on, Volume: 29, Issue: 6, Dec. 1999
Pages:778 - 785

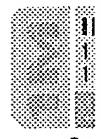
[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) [IEEE JNL](#)

30 A rule-based fuzzy logic controller for a PWM inverter in a stand alone wind energy conversion scheme

Hilloowala, R.M.; Sharaf, A.M.;
Industry Applications, IEEE Transactions on, Volume: 32, Issue: 1, Jan.-Feb 1996
Pages:57 - 65

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) [IEEE JNL](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#) [Next](#)



» See

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet



Your search matched **53** of **1108377** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

prototype<and>membership functions

 Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard**1 A fuzzy algorithm for learning vector quantization**

Karayiannis, N.B.; Pin-I Pai;
Systems, Man, and Cybernetics, 1994. 'Humans, Information and Technology' 1994 IEEE International Conference on, Volume: 1, 2-5 Oct. 1994
Pages:126 - 131 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(564 KB\)\]](#) **IEEE CNF****2 Fuzzy algorithms for learning vector quantization**

Karayiannis, N.B.; Pin-I Pai;
Neural Networks, IEEE Transactions on, Volume: 7, Issue: 5, Sept. 1996
Pages:1196 - 1211

[\[Abstract\]](#) [\[PDF Full-Text \(1584 KB\)\]](#) **IEEE JNL****3 A self-organizing supervised classifier**

Maillard, E.;
Neural Networks, 1993. IJCNN '93-Nagoya. Proceedings of 1993 International Conference on, Volume: 3, 25-29 Oct. 1993
Pages:2484 - 2487 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) **IEEE CNF****4 MECA: maximum entropy clustering algorithm**

Karayiannis, N.B.;
Fuzzy Systems, 1994. IEEE World Congress on Computational Intelligence., Proceedings of the Third IEEE Conference on, 26-29 June 1994
Pages:630 - 635 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) **IEEE CNF**

5 Integrating a relational database management system and a fuzzy rule-based expert system

Santoso, P.B.;

Intelligent Information Systems, 1994. Proceedings of the 1994 Second Australia and New Zealand Conference on, 29 Nov.-2 Dec. 1994

Pages:417 - 421

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) [IEEE CNF](#)

6 Fuzzy clustering involving convex polytopes

Il Hong Suh; Jae-Hyun Kim; Chung-Hoon Rhee, F.;

Fuzzy Systems, 1996., Proceedings of the Fifth IEEE International Conference on, Volume: 2, 8-11 Sept. 1996

Pages:1013 - 1019 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) [IEEE CNF](#)

7 Alternating cluster estimation: a new tool for clustering and function approximation

Runkler, T.A.; Bezdek, J.C.;

Fuzzy Systems, IEEE Transactions on, Volume: 7, Issue: 4, Aug. 1999

Pages:377 - 393

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) [IEEE JNL](#)

8 Convex-set-based fuzzy clustering

Il Hong Suh; Jae-Hyun Kim; Frank Chung-Hoon Rhee;

Fuzzy Systems, IEEE Transactions on, Volume: 7, Issue: 3, June 1999

Pages:271 - 285

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE JNL](#)

9 Image segmentation by a fuzzy clustering algorithm using adaptive spatially constrained membership functions

Tolias, Y.A.; Panas, S.M.;

Systems, Man and Cybernetics, Part A, IEEE Transactions on, Volume: 28, Issue: 3, May 1998

Pages:359 - 369

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE JNL](#)

10 A methodology for constructing fuzzy algorithms for learning vector quantization

Karayiannis, N.B.;

Neural Networks, IEEE Transactions on, Volume: 8, Issue: 3, May 1997

Pages:505 - 518

[\[Abstract\]](#) [\[PDF Full-Text \(612 KB\)\]](#) [IEEE JNL](#)

11 A hybrid algorithm for structure identification of neuro-fuzzy mode

Chen-Sen Ouyang; Shie-Jue Lee;

Systems, Man, and Cybernetics, 2000 IEEE International Conference on, Volume: 1, 2000

5 , 8-11 Oct. 2000
Pages:3611 - 3616 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEEE CNF](#)

12 CMOS analog neurofuzzy prototype based on ANFIS

Arellano-Cardenas, O.; Molina-Lozano, H.; Moreno-Cadenas, J.; Gomez-Casta F.; Flores-Nava, L.;
Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on , Volume: 3 , 28-31 May 2000
Pages:726 - 729 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

13 Rapid prototyping tool for a fuzzy logic based soft-starter

Rajendra Prasad, M.; Sastry, V.V.;
Power Conversion Conference - Nagaoka 1997., Proceedings of the , Volume: 6 Aug. 1997
Pages:877 - 880 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) [IEEE CNF](#)

14 Implementation of fuzzy cluster filter for nonlinear signal and image processing

Doroodchi, M.; Reza, A.M.;
Fuzzy Systems, 1996., Proceedings of the Fifth IEEE International Conference on , Volume: 3 , 8-11 Sept. 1996
Pages:2117 - 2122 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) [IEEE CNF](#)

15 Type 2 fuzzy set analysis in management surveys

Auephanwiriyakul, S.; Adrian, A.; Keller, J.M.;
Fuzzy Systems, 2002. FUZZ-IEEE'02. Proceedings of the 2002 IEEE International Conference on , Volume: 2 , 12-17 May 2002
Pages:1321 - 1325

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [3](#) [4](#) [Next](#)

ACM PORTAL
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

+ "prototype membership functions"

THE ACM DIGITAL LIBRARY

 [Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used prototype membership functions

Found 1 of 148,162

Sort results by relevance [Save results to a Binder](#)
 Display results expanded form [Search Tips](#)
 [Open results in a new window](#)

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 1 of 1

Relevance scale 

1 [Posters and Short Papers: FIRM: fuzzily integrated region matching for content-based image retrieval](#)



Yixin Chen, James Z. Wang, Jia Li

October 2001 **Proceedings of the ninth ACM international conference on Multimedia**

Full text available:  [pdf \(592.14 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We propose FIRM (Fuzzily Integrated Region Matching), an efficient and robust similarity measure for region-based image retrieval. Each image in our retrieval system is represented by a set of regions that are characterized by fuzzy sets. The FIRM measure, representing the overall similarity between two images, is defined as the similarity between two families of fuzzy sets. Compared with similarity measures based on individual regions and on all regions with crisp feature representations, our a ...

Results 1 - 1 of 1

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide

 +~adaptive +~prototype +"fuzzy logic" +"membership functions
[THE ACM DIGITAL LIBRARY](#)
[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used [~adaptive](#) [~prototype](#) [fuzzy logic](#) [membership functions](#)

Found 22 of 148,162

Sort results by

 relevance date

 Save results to a Binder

[Try an Advanced Search](#)

Display results

 expanded form detailed

 Search Tips

[Try this search in The ACM Guide](#)
 Open results in a new window

Results 21 - 22 of 22

Result page: [previous](#) [1](#) [2](#)
[Relevance scale](#)

21 Semantic integration of environmental models for application to global information systems and decision-making



D. Scott Mackay

March 1999 **ACM SIGMOD Record**, Volume 28 Issue 1Full text available: [pdf\(678.59 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Global information systems have the potential of providing decision makers with timely spatial information about earth systems. This information will come from diverse sources, including field monitoring, remotely sensed imagery, and environmental models. Of the three the latter has the greatest potential of providing regional and global scale information on the behavior of environmental systems, which may be vital for setting multi-governmental policy and for making decisions that are crit ...

22 Mining fuzzy association rules



Keith C. C. Chan, Wai-Ho Au

January 1997 **Proceedings of the sixth international conference on Information and knowledge management**Full text available: [pdf\(840.49 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: data mining, fuzzy association rules, interestingness measure, linguistic terms

Results 21 - 22 of 22

Result page: [previous](#) [1](#) [2](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

 Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
[Search: The ACM Digital Library](#) [The Guide](#)

US Patent & Trademark Office

+~adaptive +~prototype +"fuzzy logic" +"membership functions


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used [~adaptive](#) [~prototype](#) [fuzzy logic](#) [membership functions](#)

Found 22 of 148,162

 Sort results
by

relevance

 [Save results to a Binder](#)
[Try an Advanced Search](#)

 Display
results

expanded form

 [Search Tips](#)
[Try this search in The ACM Guide](#)
 [Open results in a new window](#)

Results 1 - 20 of 22

Result page: **1** [2](#) [next](#)

Relevance scale

1 [A reusable software adaptative fuzzy controller architecture](#)

David Rine, Moataz Ahmed, Junda Chen

February 1996 Proceedings of the 1996 ACM symposium on Applied ComputingFull text available: [pdf\(488.66 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: abstract data type, adaptive algorithms, adaptive controller, fuzzy logic, software reuse

2 [Design of an adaptive motors controller based on fuzzy logic using behavioral synthesis](#)

A. Changuel, A. Jerraya, R. Rolland

September 1996 Proceedings of the conference on European design automationFull text available: [pdf\(85.05 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [Fuzzy neural network models for clustering](#)

A. D. Kulkarni, V. K. Muniganti

February 1996 Proceedings of the 1996 ACM symposium on Applied ComputingFull text available: [pdf\(350.43 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

4 [A sub Bayesian nearest prototype neural network with fuzzy interpretability for diagnosis problems](#)

Saman Halgamuge, Christoph Grimm, Manfred Glesner

February 1995 Proceedings of the 1995 ACM symposium on Applied computingFull text available: [pdf\(608.72 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: Bayes classifier, fuzzy rules, neural networks, rule generation

5 Dealing with software process deviations using fuzzy logic based monitoring

Sorana Cîmpan, Flavio Oquendo

December 2000 **ACM SIGAPP Applied Computing Review**, Volume 8 Issue 2Full text available: [pdf\(1.40 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The work presented in this paper concerns the monitoring of software processes using a fuzzy logic based approach. The proposed monitoring for software processes focuses on the detection of deviations with respect to given models. The level of deviation is computed for different aspects of the process like progress, cost, structure (order between activities), etc. The proposed approach is implemented by the OMEGA environment (OMEGA stands for On-line Monitoring Environment: General and Adaptable ...

Keywords: fuzzy logic, monitoring, software processes**6 A collaborative fuzzy expert system for the Web**

Tod A. Sedbrook

June 1998 **ACM SIGMIS Database**, Volume 29 Issue 3Full text available: [pdf\(1.54 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A convergence of Internet and fuzzy logic technologies provides an opportunity for experts and end users to collaborate in developing, refining, and testing knowledge-based systems. Internet technology removes geographical and time-based restraints, and fuzzy rule bases are easier to understand and maintain. This paper describes an architecture and a prototype for developing, delivering, and maintaining expert systems on the World Wide Web. The system's collaboration components allowed experts to ...

Keywords: Internet, collaboration, design, expert system, fuzzy logic**7 Pen computing: a technology overview and a vision**

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3Full text available: [pdf\(5.14 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

8 Fuzzy neural fusion techniques for industrial applications

S. K. Halgamuge, M. Glesner

April 1994 **Proceedings of the 1994 ACM symposium on Applied computing**Full text available: [pdf\(363.19 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** Iris classification, backpropagation, cascade systems, fuzzy step net, fuzzy-neural, rule generation**9****OMEGA: a language and system for on-line monitoring of software-intensive**

processes

Sorana Cimpan, Flavio Oquendo

July 2000 **ACM SIGSOFT Software Engineering Notes**, Volume 25 Issue 4Full text available:  pdf(1.22 MB)Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper presents an environment for monitoring software-intensive processes: the *Omega* environment (*Omega* stands for *On-line Monitoring Environment: General and Adaptable*). The environment provides the language *Omega/MDL (Monitoring Definition Language)* for defining monitoring models as well as a mechanism for the execution of such models *Omega/EM (Execution Mechanism)*. The executing monitoring models (i.e. monitori ...

Keywords: environment, fuzzy logic, monitoring, software engineering, software-intensive processes

10 Nonlinear smoothing of signals by applying fuzzy clustering to local points 

Mahmood Doroodchi, Ali M. Reza

February 1996 **Proceedings of the 1996 ACM symposium on Applied Computing**Full text available:  pdf(850.51 KB)Additional Information: [full citation](#), [references](#), [index terms](#)

11 Automatic Synthesis of CMOS Operational Amplifiers: A Fuzzy Optimization Approach 

Biranchinath Sahu, Aloke K. Dutta

January 2002 **Proceedings of the 2002 conference on Asia South Pacific design automation/VLSI Design**Full text available:  pdf(162.49 KB)Additional Information: [full citation](#), [abstract](#) Publisher Site

In this paper, we present a method for optimizing and automating the components and transistor sizing for CMOS operational amplifiers (op-amps). The optimization approaches used for the synthesis of analog circuits are found to be very much rigid in terms of capturing human intentions. In this work, we have observed that with the use of fuzzy membership functions, human intentions for expressing wide variety of requirements, e.g., minimize power, maximize gain, etc., which are often conflicting ...

12 Military applications: Commander behavior and course of action selection in JWARS 

Deborah Vakas, John Prince, H. Ric Blacksten, Chuck Burdick

December 2001 **Proceedings of the 33rd conference on Winter simulation**Full text available:  pdf(209.93 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Joint Warfare System (JWARS) is being equipped with a Commander Model (CM) to perform situation assessment and Course of Action (COA) selection, and a Commander Behavior Model (CBM) to bias decisions with a commander's leadership style. The CM is a hybrid artificial intelligence system that models doctrine through the use of fuzzy rule sets, together with a tree-based lookahead algorithm for the strategy. The CBM employs behavior-based fuzzy rule sets to augment the CM in assessing the situa ...

13 Artificial intelligence #1: A mobile robot for corridor navigation: a multi-agent approach 

Y. Ono, H. Uchiyama, W. Potter

April 2004 **Proceedings of the 42nd annual Southeast regional conference**Full text available:  pdf(603.53 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This project focuses on building an autonomous vehicle as the test bed for the future development of an intelligent wheelchair, by proposing a framework for designing and

implementing a mobile robot control program that is easily expandable and portable to other robotic platforms. Using a robot equipped with a minimal set of sensors such as a camera and infrared sensors, our multi-agent based control system is built to tackle various problems encountered during corridor navigation. The control s ...

Keywords: collision avoidance, commercial robots and applications, fuzzy logic controller, machine vision, multi-agent systems

14 PROMS: a PRO-active Monitoring System for SS7 networks 

Ren-Hung M. Hwang, Pao-Ta M. Yu

February 2000 **International Journal of Network Management**, Volume 10 Issue 1

Full text available:  [pdf\(379.71 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we propose a PRO-active Monitoring System) for SS7 networks, which actively monitors all signaling network management messages of SS7 networks, alerts operators when there is a potential network error, and provides intelligent diagnosis based on fuzzy logic and neural networks. Copyright © 2000 John Wiley & Sons, Ltd.

15 MEGA—the maximizing expected generalization algorithm for learning complex query concepts 

Edward Chang, Beita Li

October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

Full text available:  [pdf\(1.34 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Specifying exact query concepts has become increasingly challenging to end-users. This is because many query concepts (e.g., those for looking up a multimedia object) can be hard to articulate, and articulation can be subjective. In this study, we propose a query-concept learner that learns query criteria through an intelligent sampling process. Our concept learner aims to fulfill two primary design objectives: (1) it has to be expressive in order to model most practical query concepts and (2) i ...

Keywords: Active learning, data mining, query concept, relevance feedback

16 Implementing fuzzy control systems using VHDL and statecharts 

V. Salapura, V. Hamann

September 1996 **Proceedings of the conference on European design automation**

Full text available:  [pdf\(77.75 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 AI techniques for modelling legal negotiation 

Emilia Bellucci, John Zelezniak

June 1999 **Proceedings of the seventh international conference on Artificial intelligence and law**

Full text available:  [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Negotiation is a process of cooperative decision-making between parties concerning the resolution of a common dispute. The goal of negotiation is to develop a settlement that is acceptable to both parties. One way to achieve this is to ensure disputants take responsibility for their outcomes and control the disputation process. Most current systems have chosen to model the negotiation process by representing progress made within a negotiation. In this paper we focus on modelling the trade-o ...

Keywords: Australian family law, bidirectional fuzzy cognitive maps, negotiation support system

18 2.1: Using neural nets to optimize retrieval in a fuzzy relational database



George Baklarz

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**

Full text available: [pdf\(615.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#).

This paper examines the theory behind Fuzzy Sets and Back-Propagation Neural Nets, and how neural nets can be used to replace fuzzy sets and improve the query performance in a Fuzzy Relational Database (FRDB). Neural Nets and Fuzzy Relations are complementary theories that can be used together effectively in a Fuzzy Relational Database. This paper brings the theories of Fuzzy Sets, Neural Nets and Fuzzy Relational Databases together into one system.

19 Charting patterns on price history



Saswat Anand, Wei-Ngan Chin, Siau-Cheng Khoo

October 2001 **ACM SIGPLAN Notices , Proceedings of the sixth ACM SIGPLAN international conference on Functional programming**, Volume 36 Issue 10

Full text available: [pdf\(298.56 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#).

It is an established notion among financial analysts that price moves in patterns and these patterns can be used to forecast future price. As the definitions of these patterns are often subjective, every analyst has a need to define and search meaningful patterns from historical time series quickly and efficiently. However, such discovery process can be extremely laborious and technically challenging in the absence of a high-level pattern definition language. In this paper, we propose a chart-pa ...

20 Fuzzy video-based handshape recognition



Kirsti Grobel, Hermann Hienz

February 1996 **Proceedings of the 1996 ACM symposium on Applied Computing**

Full text available: [pdf\(771.80 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#).

Keywords: fuzzy classification, handshape structure model, image processing, sign language

Results 1 - 20 of 22

Result page: **1** [2](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [RealPlayer](#)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29 3	15	prototyp\$3 with (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:48
S29 4	10	S293 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 5	433	(membership adj function\$1).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:48
S29 6	3	prototyp\$3 and S295	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 7	7564	fuzzy adj logic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 8	1307	S297.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S29 9	12	prototyp\$3 and S298	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53
S30 0	11	S299 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 16:53